

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/01	Crail	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/01	Crail	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk. Fife Council will continue to undertake culvert maintenance activities that reduce the risk of flooding to Crail from the Crail Burn.				Fife Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/01	Crail	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/01	Crail	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/01	Crail	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with Fife Council and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/01	Crail	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/01	Crail	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/01	Crail	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Anstruther to Elie flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/02	Pittenweem	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/02	Pittenweem	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/02	Pittenweem	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/02	Pittenweem	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/02	Pittenweem	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with Fife Council and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/02	Pittenweem	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/02	Pittenweem	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/02	Pittenweem	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Anstruther to Elie flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	

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10 10/03	Leven		100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/03	Leven		100060005	Flood protection study	Leven	A flood protection study has been recommended for Leven to assess whether flood storage on Scoonie Burn, modification of conveyance, direct flood defences, sediment management and natural flood management could reduce flood risk. The study should also investigate the viability of property level protection. Natural flood management options that should be considered include river/ floodplain restoration and sediment management. The assessment should consider these actions in combination and the impacts on flood risk upstream and downstream of each action.	38 of 168		6 of 16	Fife Council						10006, 10007	Reduce economic damages to residential and non-residential properties and risk to people in Leven caused by flooding from the River Leven and Scoonie Burn	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	River flooding actions in Leven could have a direct impact on the Firth of Forth SPA. Potential disturbance (LSE) to the SPA.		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10 10/03	Leven		100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/03	Leven		100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10 10/03	Leven		100990010	New flood warning	Applies across Forth Estuary Local Plan District	The area under consideration includes properties affected by flooding in Fife and Perth and Kinross and is likely to include Leven. Further feasibility assessment will be required to assess delivery potential and the final detail of communities for which warnings can be provided will be determined during the scoping process.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10 10/03	Leven		100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10 10/03	Leven		100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with Fife Council and community resilience groups and participate in property level protection events delivered by the Scottish Flood Forum where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10 10/03	Leven		100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10 10/03	Leven		100040018	Surface water plan/study	Leven and Eastern Methil	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	Fife Council						10004	Reduce economic damages and number of residential properties at risk of surface water flooding in Leven and Eastern Methil where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/03	Leven		100040019	Surface water plan/study	Leven and Eastern Methil	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10004	Reduce economic damages and number of residential properties at risk of surface water flooding in Leven and Eastern Methil where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/03	Leven		100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10 10/03	Leven		100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Lower Largo and the Leven and Methil flood warning areas which are part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10 10/04	Kinross, Milnathort, Glenrothes and Kinglassie		100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/04	Kinross, Milnathort, Glenrothes and Kinglassie		100120005	Flood protection study	Glenrothes	An Integrated Catchment Study looking at surface water management in Glenrothes is scheduled to start in 2017. This study may identify future study needs that would be taken forward in the second flood risk management cycle.	79 of 168		11 of 16	Fife Council						10012	Reduce risk to people in Glenrothes from river flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No sites likely to be affected		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	

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10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100110006	Flood protection scheme/works	South Kinross	A flood protection scheme has been proposed for South Kinross to address flooding from the South Queich, Golly Burn and Clash Burn. The scheme would consist of flood defence walls and provide a 1 in 200 year (plus climate change) standard of protection.	28 of 42		3 of 4	Perth and Kinross Council						10011	Reduce economic damages to residential and non-residential properties in the Kinross, Milnathort, Glenrothes and Kinglassie Potentially Vulnerable Area caused by river flooding	No	7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	Fluvial defence actions within 1km of Loch Leven SPA. Storage actions are 2km from Loch Leven SPA.		7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100080006	Flood protection scheme/works	Milnathort	A flood protection scheme has been proposed for Milnathort to address surface water flooding. The scheme would consist of pumping stations and provide a 1 in 100 year (plus climate change) standard of protection.	19 of 42		2 of 4	Perth and Kinross Council						10008	Reduce economic damages and number of residential properties at risk of surface water flooding in Milnathort where practical	No	7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	Milnathort just over 1km from Loch Leven SPA. Surface water actions could positively or negatively affect the SPA (e.g. run off / pollutants) - so potential LSE.		7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council and Perth and Kinross Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990010	New flood warning	Applies across Forth Estuary Local Plan District	The area under consideration includes properties affected by flooding in Fife and Perth and Kinross and is likely to include Kinross. Further feasibility assessment will be required to assess delivery potential and the final detail of communities for which warnings can be provided will be determined during the scoping process.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100100012	Community flood action groups	Milnathort	A community resilience group operates in this area. The group is supported by Perth and Kinross Council and works with various communities including Milnathort to develop community resilience plans.	N/A		N/A	Community						10010	Accept that significant flood risk in Milnathort is being managed appropriately. Maintain existing actions that reduce the risk of flooding in Milnathort from the Back Burn.	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with Fife Council and community resilience groups and participate in property level protection events delivered by the Scottish Flood Forum where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders							10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100100017	Maintain flood protection scheme	Milnathort	Continue to maintain the existing flood protection schemes along the Back Burn in Milnathort. These include the Milnathort Flood Protection Schemes completed in 2006 and 2010.	N/A		N/A	Perth and Kinross Council						10010	Accept that significant flood risk in Milnathort is being managed appropriately. Maintain existing actions that reduce the risk of flooding in Milnathort from the Back Burn.	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	101030018	Surface water plan/study	Glenrothes and Markinch	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				Fife Council						10103	Reduce economic damages and number of residential properties at risk of surface water flooding in Glenrothes and Markinch where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100080018	Surface water plan/study	Milnathort	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	Perth and Kinross Council						10008	Reduce economic damages and number of residential properties at risk of surface water flooding in Milnathort where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100040018	Surface water plan/study	Leven and Eastern Methil	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				Fife Council						10004	Reduce economic damages and number of residential properties at risk of surface water flooding in Leven and Eastern Methil where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/04	Kinross, Milnathort, Glenrothes and Kinglassie	101030019	Surface water plan/study	Glenrothes and Markinch	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10103	Reduce economic damages and number of residential properties at risk of surface water flooding in Glenrothes and Markinch where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100040019	Surface water plan/study	Leven and Eastern Methil	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10004	Reduce economic damages and number of residential properties at risk of surface water flooding in Leven and Eastern Methil where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100150005	Flood protection study	Linktown, Kirkcaldy and East Wemyss	A flood protection study has been recommended for East Wemyss to assess whether flood storage, sediment management, modification of conveyance, flood defences and natural flood management could reduce flood risk. The study should also consider property relocation and the viability of property level protection. Natural flood management options that should be considered include runoff control, river/floodplain restoration, sediment management and wave attenuation. The study should take a sustainable approach and consider the interaction between actions upstream and downstream and potential effects on coastal processes along the shoreline.	138 of 168		16 of 16	Fife Council						10015	Reduce economic damages to residential and non-residential properties in the Kirkcaldy, East Wemyss and Methil Potentially Vulnerable Area caused by river and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Wave attenuation actions are within Firth of Forth SPA. Other actions are within 1km of Firth of Forth SPA.		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with Fife Council and community resilience groups and participate in property level protection events delivered by the Scottish Flood Forum where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District. The inclusion of additional surface water hazard data resulting from the completion of local authority surface water management plans and Scottish Water integrated catchment studies will be considered when these projects are completed.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100150017	Maintain flood protection scheme	Linktown, Kirkcaldy and East Wemyss	Continue to maintain the existing coastal flood defences.	N/A		N/A	Fife Council						10015	Reduce economic damages to residential and non-residential properties in the Kirkcaldy, East Wemyss and Methil Potentially Vulnerable Area caused by river and coastal flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100130018	Surface water plan/study	Kirkcaldy and Cluny	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	Fife Council						10013	Reduce economic damages and number of residential properties at risk of surface water flooding in Kirkcaldy and Cluny where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/05	Kirkcaldy, East Wemyss and Methil	10300021	Flood protection scheme/works	Burntisland	Network Rail will carry out civil engineering work which will reduce the risk of flooding on identified sections of the rail network within this Potentially Vulnerable Area.	N/A		N/A	Network Rail						10300	Reduce the physical or disruption risk related to the transport network for rail	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100150025	Flood protection study	Linktown, Kirkcaldy and East Wemyss	A flood protection study has been recommended for Linktown and Kirkcaldy to assess whether flood storage, sediment management, modification of conveyance, flood defences and natural flood management could reduce flood risk. The study should also investigate property relocation. Natural flood management options that should be considered include runoff control, river/ floodplain restoration, sediment management and wave attenuation. The study should take a sustainable approach and consider the interaction between actions upstream and downstream and potential effects on coastal processes along the shoreline.	25 of 168		2 of 16	Fife Council						10015	Reduce economic damages to residential and non-residential properties in the Kirkcaldy, East Wemyss and Methil Potentially Vulnerable Area caused by river and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	All actions are river engineering actions that are unlikely to have a significant (negative) effect on the Firth of Forth SPA.		5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Leven and Methil, Burntisland to Aberdour, Kinghorn and Kirkcaldy flood warning areas which are part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100190005	Flood protection study	Dunfermline	A flood protection study has been recommended for Dunfermline to assess whether modification of conveyance, sediment management, installation/ modification of fluvial control structures, flood defences and natural flood management could reduce flood risk. The study should also investigate property relocation and the viability of property level protection. Natural flood management options that should be considered include runoff control and sediment management. The assessment should consider these actions in combination and the impacts on flood risk upstream and downstream of each action.	25 of 168		2 of 16	Fife Council						10019, 10022	Reduce economic damages to residential and non-residential properties and risk to people in Dunfermline caused by flooding from the Lyne Burn and Tower Burn	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No sites likely to be affected		5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with Fife Council and community resilience groups and participate in property level protection events delivered by the Scottish Flood Forum where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District. The inclusion of additional surface water hazard data resulting from the completion of local authority surface water management plans and Scottish Water integrated catchment studies will be considered when these projects are completed.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100190017	Maintain flood protection scheme	Dunfermline	Continue to maintain the existing flood protection schemes. These include the Dunfermline Flood Protection Scheme in the south west of the town and Parkneuk Flood Protection Scheme.	N/A		N/A	Fife Council						10019, 10022	Reduce economic damages to residential and non-residential properties and risk to people in Dunfermline caused by flooding from the Lyne Burn and Tower Burn	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100170018	Surface water plan/study	Dunfermline, Bowershall, Crossford, Wellwood, Townhill and Halbeath	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	Fife Council						10017	Reduce economic damages and number of residential properties at risk of surface water flooding in Dunfermline, Bowershall, Crossford, Wellwood, Townhill and Halbeath where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100230018	Surface water plan/study	Cairneyhill, Crombie and Muirside	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				Fife Council						10023	Reduce economic damages and number of residential properties at risk of surface water flooding in Cairneyhill, Crombie and Muirside where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100170019	Surface water plan/study	Dunfermline, Bowershall, Crossford, Wellwood, Townhill and Halbeath	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10017	Reduce economic damages and number of residential properties at risk of surface water flooding in Dunfermline, Bowershall, Crossford, Wellwood, Townhill and Halbeath where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100230019	Surface water plan/study	Cairneyhill, Crombie and Muirside	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10023	Reduce economic damages and number of residential properties at risk of surface water flooding in Cairneyhill, Crombie and Muirside where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/07	Cairneyhill	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/07	Cairneyhill	100250003	Natural flood management study	Cairneyhill	A natural flood management study has been recommended to assess whether wave attenuation could help reduce flood risk in Torryburn.	N/A		N/A	Fife Council						10025	Reduce economic damages to residential and non-residential properties in the Cairneyhill Potentially Vulnerable Area caused by river and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No likely effects on Firth of Forth SPA		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10 10/07	Cairneyhill	100250005	Flood protection study	Cairneyhill	A flood protection study has been recommended for Cairneyhill to assess whether sediment management, modification of conveyance, installation/ modification of fluvial control structures, flood defences and natural flood management could reduce flood risk. The study should also investigate property relocation and the viability of property level protection. Natural flood management options that should be considered include runoff control and sediment management. The study should take a sustainable approach and consider the interaction between actions upstream and downstream and potential effects on coastal processes along the shoreline.	70 of 168		8 of 16	Fife Council							10025	Reduce economic damages to residential and non-residential properties in the Cairneyhill Potentially Vulnerable Area caused by river and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No likely effects on Firth of Forth SPA		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site
	10 10/07	Cairneyhill	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/07	Cairneyhill	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/07	Cairneyhill	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/07	Cairneyhill	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with Fife Council and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/07	Cairneyhill	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/07	Cairneyhill	100250017	Maintain flood protection scheme	Cairneyhill	Continue to maintain the existing flood defences along the coast and river. This includes the Cairneyhill Flood Protection Scheme comprising of a flow diversion scheme and defences along the Torry Burn.	N/A		N/A	Fife Council						10025	Reduce economic damages to residential and non-residential properties in the Cairneyhill Potentially Vulnerable Area caused by river and coastal flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/07	Cairneyhill	100230018	Surface water plan/study	Cairneyhill, Crombie and Muirside	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	Fife Council						10023	Reduce economic damages and number of residential properties at risk of surface water flooding in Cairneyhill, Crombie and Muirside where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRM (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10 10/07	Cairneyhill		100230019	Surface water plan/study	Cairneyhill, Crombie and Muirside	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10023	Reduce economic damages and number of residential properties at risk of surface water flooding in Cairneyhill, Crombie and Muirside where practical	No	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/07	Cairneyhill		100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
10 10/07	Cairneyhill		100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Torryburn and Newmills flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100260005	Flood protection study	Culross	A flood protection study has been recommended for Culross to assess flood defences, sediment management and natural flood management. The study should also investigate the viability of property level protection. Natural flood management options that should be considered include wave and surge attenuation. The study should take a sustainable approach and consider the interaction between actions and potential effects on coastal processes along the shoreline.	90 of 168		13 of 16	Fife Council						10026, 10028	Reduce economic damages to residential and non-residential properties and risk to people in Culross caused by coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Potential impacts on Firth of Forth SPA as action is likely to be at least partially within the SPA.		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100270005	Flood protection study	Kincardine	A flood protection study has been recommended for Kincardine to assess whether flood storage, flood defences, sediment management and natural flood management could reduce flood risk. The study should also consider the viability of property level protection. Natural flood management options that should be considered include surge attenuation. The study should take a sustainable approach and consider the interaction between actions upstream and downstream and potential effects on coastal processes along the shoreline.	21 of 168		1 of 16	Fife Council						10027	Reduce economic damages to residential and non-residential properties in Kincardine caused by river flooding and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Coastal management and defences at Kincardine could impact on Firth of Forth SPA which is adjacent and opposite to this coastal stretch		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council and Clackmannanshire Council, asset / land managers						10099	Reduce overall flood risk	No	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community and promote Floodline. This will be achieved through SEPA-led education events. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to develop flood mapping in the Dunbar to Stirling area to improve understanding of coastal flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will work collaboratively to ensure consistent modelling approaches are applied.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100270017	Maintain flood protection scheme	Kincardine	Continue to maintain the Kincardine-on-Forth Flood Protection Scheme that provides protection against flooding from the Peffermill Burn. The scheme includes flow diversion from the Moor Loch Burn, culverts and channel improvements.	N/A		N/A	Fife Council						10027	Reduce economic damages to residential and non-residential properties in Kincardine caused by river flooding and coastal flooding	No	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10 10/08	Hawkhill, Kincardine, Kennet Pans and Culross		10301021	Flood protection scheme/works	Hawkhill, Kincardine, Kennet Pans and Culross	Transport Scotland will carry out civil engineering work which will reduce the risk of flooding on identified sections of the trunk road.	N/A		N/A	Transport Scotland						10301	Accept the physical or disruption risk related to the transport network for roads	No	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10	10/08	Hawkhill, Kincardine, Kennet Pans and Culross	10302021	Flood protection scheme/works	Culross	Network Rail will carry out civil engineering work which will reduce the risk of flooding on identified sections of the rail network within this Potentially Vulnerable Area.	N/A		N/A	Network Rail						10302	Reduce the physical or disruption risk related to the transport network for rail	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Culross, Longannet and Kincardine flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/09	Airth	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/09	Airth	100290005	Flood protection study	Airth	A flood protection study has been recommended for Airth to assess flood defences and natural flood management. The study should also consider the viability of property level protection. Natural flood management options that should be considered include surge attenuation. The study should take a sustainable approach and consider the interaction between actions and potential effects on coastal processes along the shoreline.	20 of 168		2 of 5	Falkirk Council						10029, 10030	Reduce economic damages to residential and non-residential properties and risk to people in Airth caused by coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection. Surge attenuation (NFM action) is likely to be beneficial to the Firth of Forth SPA, but disturbance can't be ruled out. Screen in	Potential effects of coastal actions at Airth on Firth of Forth SPA		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10	10/09	Airth	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Falkirk Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/09	Airth	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/09	Airth	100990010	New flood warning	Applies across Forth Estuary Local Plan District	Flood warning is required for properties at risk of coastal flooding in Airth. Delivery of new warnings in this area can potentially be undertaken through an extension to the existing Firth of Forth and Tay flood forecasting system and warning scheme.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/09	Airth	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/09	Airth	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/09	Airth	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10	10/09	Airth	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/09	Airth	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/10	North Queensferry and Inverkeithing	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/10	North Queensferry and Inverkeithing	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/10	North Queensferry and Inverkeithing	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/10	North Queensferry and Inverkeithing	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10	10/10	North Queensferry and Inverkeithing	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. SEPA will undertake flood risk education and awareness raising activities. In addition, the Scottish Flood Forum will undertake property level protection events. SEPA will participate in these and engage with community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
10	10/10	North Queensferry and Inverkeithing	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10	10/10	North Queensferry and Inverkeithing	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District. The inclusion of additional surface water hazard data resulting from the completion of local authority surface water management plans and Scottish Water integrated catchment studies will be considered as these projects are completed. SEPA will seek to develop flood mapping in the Dunbar to Stirling area to improve understanding of coastal flood risk. The extent and timing of improvements will depend on detailed scoping and data availability.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/10	North Queensferry and Inverkeithing	100310017	Maintain flood protection scheme	North Queensferry and Inverkeithing	Continue to maintain the existing coastal flood defences.	N/A		N/A	Fife Council						10031	Reduce economic damages to residential and non-residential properties in the North Queensferry and Inverkeithing Potentially Vulnerable Area caused by coastal flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/10	North Queensferry and Inverkeithing	100240018	Surface water plan/study	Rosyth	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	Fife Council						10024	Reduce economic damages and number of residential properties at risk of surface water flooding in Rosyth where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/10	North Queensferry and Inverkeithing	100240019	Surface water plan/study	Rosyth	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10024	Reduce economic damages and number of residential properties at risk of surface water flooding in Rosyth where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/10	North Queensferry and Inverkeithing	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/10	North Queensferry and Inverkeithing	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Burntisland to Aberdour, North Queensferry and Inverkeithing Bay and the Rosyth, Limekilns and Charlestown flood warning areas which are part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100380005	Flood protection study	Denny/ Dunipace	Initial flood risk investigations are currently underway for Denny/ Dunipace, including modelling work. These initial investigations are due to report in 2016. It is likely that further flood protection study will be needed to assess options to manage flood risk including flood defences, sediment management and natural flood management. The study should also consider the viability of property level protection. Natural flood management options that should be considered include runoff control and sediment management. The assessment should consider these actions in combination and the impacts on flood risk upstream and downstream of each action.	43 of 168		3 of 5	Falkirk Council						10038	Reduce economic damages to residential and non-residential properties in Denny and Dunipace caused by flooding from the River Carron, Avon Burn and Castlerankine Burn	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Actions within 1km of Endrick Water SAC - but this is in an adjacent catchment and is for lamprey and salmon, so no conceivable effect.		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100370005	Flood protection study	Falkirk Westport	Vegetation management and general maintenance are carried out by Falkirk Council to control erosion at Falkirk Westquarter. In future there may be a need for a flood protection study to assess whether direct flood defences and sediment management could further reduce flood risk in this area.	110 of 168		4 of 5	Falkirk Council						10037	Reduce economic damages to residential and non-residential properties in Falkirk Westquarter caused by flooding from the Westquarter Burn	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No sites likely to be affected		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100400005	Flood protection study	Grangemouth	A flood protection study is currently underway for Grangemouth to develop a flood protection scheme. The flood risk management options under consideration include flood defences, sediment management, tidal barriers/ gates and natural flood management. Natural flood management includes surge attenuation and sediment management. The study will also consider the viability of property level protection. The study is due to complete in 2017, followed by phased delivery of actions from 2018-2027.	11 of 168		1 of 5	Falkirk Council						10040	Reduce economic damages to residential and non-residential properties in Grangemouth caused by river flooding and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Actions within Firth of Forth SPA - potential negative effects		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100400006	Flood protection scheme/works	Grangemouth	A flood protection scheme has been proposed for the Grangemouth area. It would include the River Carron, Grange Burn, River Avon and the Forth Estuary shoreline. The scheme would consist of flood defences, sediment management, tidal barriers/ gates and natural flood management and would provide a 1 in 200 year standard of protection. Implementation of this scheme is likely to span a 10 year period from 2017-2027.	1 of 42		1 of 1	Falkirk Council						10040	Reduce economic damages to residential and non-residential properties in Grangemouth caused by river flooding and coastal flooding	No	7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	Actions within Firth of Forth SPA - potential negative effects		7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	10099007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Local authorities, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	10099009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	10099010	New flood warning	Applies across Forth Estuary Local Plan District	The area under consideration includes properties affected by flooding from the River Carron and tributaries downstream of the Carron Valley Reservoir. Full scoping, infrastructure and a flood forecasting system will be required before a flood warning service can be delivered in this area. Communities that will benefit from a warning will be identified during development of the scheme.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	10099011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100350012	Community flood action groups	Carron/ Carronshore, Falkirk, Grangemouth, Bonnybridge, Denny and Stenhousemuir	Carronvale Residents and Tenants Association operates in this area. The group raises flooding issues and promotes flood resilience.	N/A		N/A	Community						10035	Reduce economic damages to residential and non-residential properties in Carron and Carronshore caused by flooding from the River Carron and coastal flooding	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. SEPA will engage with the community and promote Floodline. This will be achieved through business liaison and SEPA led education events. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to develop flood mapping in the Dunbar to Stirling area to improve understanding of coastal flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will work collaboratively to ensure consistent modelling approaches are applied.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100400017	Maintain flood protection scheme	Grangemouth	Continue to maintain the existing Grangemouth Road Flood Protection Scheme on the Grange Burn. The scheme includes a flood relief channel conveying flows to the River Avon.	N/A		N/A	Falkirk Council						10040	Reduce economic damages to residential and non-residential properties in Grangemouth caused by river flooding and coastal flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	101040018	Surface water plan/study	Polmont and Maddiston	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				Falkirk Council						10104	Reduce economic damages and number of residential properties at risk of surface water flooding in Polmont and Maddiston where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100330018	Surface water plan/study	Falkirk, Stenhousemuir and Carron	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	Falkirk Council						10033	Reduce economic damages and number of residential properties at risk of surface water flooding in Falkirk, Stenhousemuir and Carron where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	101010018	Surface water plan/study	Cumbernauld (east)	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				North Lanarkshire Council						10101	Reduce economic damages and number of residential properties at risk of surface water flooding in Cumbernauld (east) where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100330019	Surface water plan/study	Falkirk, Stenhousemuir and Carron	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10033	Reduce economic damages and number of residential properties at risk of surface water flooding in Falkirk, Stenhousemuir and Carron where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy IPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	101010019	Surface water plan/study	Cumbernauld (east)	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.					Scottish Water in partnership with local authorities					10101	Reduce economic damages and number of residential properties at risk of surface water flooding in Cumbernauld (east) where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	101040019	Surface water plan/study	Poimont and Maddiston	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.					Scottish Water in partnership with local authorities					10104	Reduce economic damages and number of residential properties at risk of surface water flooding in Poimont and Maddiston where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.					Scottish Water					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Grangemouth flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.					SEPA					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/12	Bo'ness	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.					Planning authority					10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/12	Bo'ness	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.					Falkirk Council and West Lothian Council, asset / land managers					10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/12	Bo'ness	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A		SEPA					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/12	Bo'ness	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A		—					10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/12	Bo'ness	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.					Responsible authorities					10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/12	Bo'ness	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.	N/A		N/A		Category 1 and 2 Responders					10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10	10/12	Bo'ness	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to develop flood mapping in the Dunbar to Stirling area to improve understanding of coastal flood risk. The extent and timing of improvements will depend on detailed scoping and data availability.					SEPA					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/12	Bo'ness	100440017	Maintain flood protection scheme	Bo'ness	Continue to maintain the existing coastal flood defences.	N/A		N/A		West Lothian Council					10044	Accept significant flood risk in Bo'ness is managed appropriately. Maintain existing actions that reduce the risk of coastal flooding in Bo'ness.	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/12	Bo'ness	100420018	Surface water plan/study	Bo'ness, Carriden and Muirhouses	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A		Falkirk Council					10042	Reduce economic damages and number of residential properties at risk of surface water flooding in Bo'ness, Carriden and Muirhouses where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10 10/12	Bo'ness		100420019	Surface water plan/study	Bo'ness, Carriden and Muirhouses	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10042	Reduce economic damages and number of residential properties at risk of surface water flooding in Bo'ness, Carriden and Muirhouses where practical	No	2. Projects/works/actions referred to in the LFRMP Plan but not proposed by the LFRMP Plan (and would be likely to proceed irrespective of whether the LFRMP Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRMP Plan but not proposed by the LFRMP Plan (and would be likely to proceed irrespective of whether the LFRMP Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/12	Bo'ness		100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
10 10/12	Bo'ness		100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Blackness and Grangemouth flood warning areas which are part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2. Projects/works/actions referred to in the LFRMP Plan but not proposed by the LFRMP Plan (and would be likely to proceed irrespective of whether the LFRMP Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRMP Plan but not proposed by the LFRMP Plan (and would be likely to proceed irrespective of whether the LFRMP Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100490003	Natural flood management study	Slamannan, Bathgate and Blackridge	A natural flood management study has been recommended for Bathgate, Blackridge, Linlithgow and Slamannan to assess whether runoff control and sediment management could help reduce flood risk. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream. The study should be carried out in conjunction with the flood protection studies and in collaboration with Falkirk Council.	N/A		N/A	West Lothian Council						10048, 10049	Reduce economic damages to residential and non-residential properties and risk to people in the Linlithgow Bridge, Bathgate, Whiteside and Slamannan Potentially Vulnerable Area caused by river flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Runoff control actions ~2.5km to the North West of Blawhorn Moss SAC and not hydrologically connected to this site. Actions / Black Loch Moss SAC ~400m from potential actions but site is in a different catchment and not hydrologically connected. Actions also ~1.3km from Slamannan Plateau SPA - but unlikely to be affected. Screen out.		5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100490005	Flood protection study	Slamannan, Bathgate and Blackridge	A flood protection study has been recommended for Slamannan to assess whether sediment management, direct flood defences and natural flood management could reduce flood risk. The study should also consider the viability of property level protection. Natural flood management options that should be considered include runoff control and sediment management. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream. The study should be informed by the ongoing surface water investigations and an Integrated Catchment Study.	121 of 168		5 of 5	Falkirk Council						10048, 10049	Reduce economic damages to residential and non-residential properties and risk to people in the Linlithgow Bridge, Bathgate, Whiteside and Slamannan Potentially Vulnerable Area caused by river flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Modification of conveyance ~400m south east and downhill from of Blawhorn Moss SAC - effects unlikely. Conveyance and defences ~1.2km North West from Slamannan Plateau SPA - effects unlikely. Screen out.		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100470005	Flood protection study	Linlithgow	A flood protection study has been recommended for Linlithgow to assess whether modification of conveyance, flood defences and sediment management could reduce flood risk. The study should also consider the viability of property level protection. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream.	90 of 168		2 of 4	West Lothian Council						10047	Reduce economic damages to residential and non-residential properties in Linlithgow caused by flooding from the River Avon and Bell's Burn	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No sites likely to be affected		5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Local authorities, asset / land managers						10099	Reduce overall flood risk	No	2. Projects/works/actions referred to in the LFRMP Plan but not proposed by the LFRMP Plan (and would be likely to proceed irrespective of whether the LFRMP Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRMP Plan but not proposed by the LFRMP Plan (and would be likely to proceed irrespective of whether the LFRMP Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. West Lothian Council provides sandbags and Aquasacs for public use in emergencies.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10 10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan		100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District. The inclusion of additional surface water hazard data resulting from the completion of local authority surface water management plans and Scottish Water integrated catchment studies will be considered as these projects are completed.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100470017	Maintain flood protection scheme	Linlithgow	Continue to maintain the existing Linlithgow Flood Protection Scheme along the Mains Burn. The scheme provides protection to part of the town and includes reservoirs storage, a diversion channel and channel improvements.	N/A		N/A	West Lothian Council						10047	Reduce economic damages to residential and non-residential properties in Linlithgow caused by flooding from the River Avon and Bell's Burn	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100450018	Surface water plan/study	Bathgate	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	West Lothian Council						10045	Reduce economic damages and number of residential properties at risk of surface water flooding in Bathgate where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	101040018	Surface water plan/study	Polmont and Maddiston	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				Falkirk Council						10104	Reduce economic damages and number of residential properties at risk of surface water flooding in Polmont and Maddiston where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	101000018	Surface water plan/study	Linlithgow	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				West Lothian Council						10100	Reduce economic damages and number of residential properties at risk of surface water flooding in Linlithgow where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	101040019	Surface water plan/study	Polmont and Maddiston	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10104	Reduce economic damages and number of residential properties at risk of surface water flooding in Polmont and Maddiston where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100450019	Surface water plan/study	Bathgate	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10045	Reduce economic damages and number of residential properties at risk of surface water flooding in Bathgate where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	101000019	Surface water plan/study	Linlithgow	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10100	Reduce economic damages and number of residential properties at risk of surface water flooding in Linlithgow where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100490025	Flood protection study	Slamannan, Bathgate and Blackridge	A flood protection study has been recommended for Bathgate to assess whether sediment management, flood defences and natural flood management could reduce flood risk. The study should also consider property relocation and the viability of property level protection. Natural flood management options that should be considered include runoff control and sediment management. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream. There is an opportunity for partnership working with the Almond / Avon reconnection project and Bathgate restoration project.	138 of 168		3 of 4	West Lothian Council						10048, 10049	Reduce economic damages to residential and non-residential properties and risk to people in the Linlithgow Bridge, Bathgate, Whiteside and Slamannan Potentially Vulnerable Area caused by river flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	~400m south east and downhill from of Blawhorn Moss SAC - effects unlikely. Conveyance and defences ~1.2km North West from Slamannan Plateau SPA - effects unlikely. Screen out.		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10	10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100490027	Flood protection study	Slamannan, Bathgate and Blackridge	A flood protection study has been recommended for Blackridge to assess whether sediment management and modification of conveyance (with a focus on existing culverts) could reduce flood risk. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream.	156 of 168		4 of 4	West Lothian Council						10048, 10049	Reduce economic damages to residential and non-residential properties and risk to people in the Linlithgow Bridge, Bathgate, Whiteside and Slamannan Potentially Vulnerable Area caused by river flooding	No	6.6. Could have a likely significant effect on a European site: ~400m south east and downhill from of Blawhorn Moss SAC - effects unlikely. Conveyance and defences ~1.2km North West from Slamannan Plateau SPA - effects unlikely. Screen out.	Modification of conveyance		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10	10/14	Philipstoun	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/14	Philipstoun	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Falkirk Council and West Lothian Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/14	Philipstoun	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/14	Philipstoun	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/14	Philipstoun	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/14	Philipstoun	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. West Lothian Council provides sandbags and Aquasacs for public use in emergencies.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10	10/14	Philipstoun	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/14	Philipstoun	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/15	South Queensferry	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/15	South Queensferry	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Local authorities, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/15	South Queensferry	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/15	South Queensferry	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/15	South Queensferry	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/15	South Queensferry	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. The City of Edinburgh Council operates Emergency Action Packs to determine where people should be deployed during flood events. The City of Edinburgh Council also owns temporary pallet barriers and sandbags that can be used to protect properties from river flooding. West Lothian Council provides sandbags and Aquasacs for public use in emergencies.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)	
	10 10/15	South Queensferry	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District.				SEPA						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/15	South Queensferry	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/16	Cramond Bridge	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/16	Cramond Bridge	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				The City of Edinburgh Council, asset / land managers						10099	Reduce overall flood risk	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/16	Cramond Bridge	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/16	Cramond Bridge	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10 10/16	Cramond Bridge	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10 10/16	Cramond Bridge	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. The City of Edinburgh Council operates Emergency Action Packs to determine where people should be deployed during flood events. The City of Edinburgh Council also owns temporary pallet barriers and sandbags that can be used to protect properties from river flooding.	N/A		N/A	Category 1 and 2 Responders							10099	Reduce overall flood risk	No	4	4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.
	10 10/16	Cramond Bridge	100520018	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	The City of Edinburgh Council, Midlothian Council, East Lothian Council						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/16	Cramond Bridge	100520019	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/16	Cramond Bridge	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/16	Cramond Bridge	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Cramond flood warning area which is part of the Almond (West Lothian) river flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/17	Granton	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/17	Granton	100950005	Flood protection study	Edinburgh (coastal)	A study should be undertaken of siltation in the Water of Leith basin in conjunction with the operation of the docks.	104 of 168		2 of 3	The City of Edinburgh Council						10095	Accept coastal flooding in Cramond, Silverknowes and Granton is managed appropriately. Maintain existing actions that protect residential and non-residential properties from coastal flooding.	No	6	6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No GIS information. However, the docks and Water of Leith basin are adjacent to the Firth of Forth SPA and the Imperial Dock Lock, Leith SPA so there is potential for disturbance.		6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/17	Granton	10099007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				The City of Edinburgh Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/17	Granton	10099009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/17	Granton	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/17	Granton	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community and promote Floodline. This will be achieved through increased media awareness and partnership project working. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/17	Granton	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. The City of Edinburgh Council operates Emergency Action Packs to determine where people should be deployed during flood events.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/17	Granton	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to develop flood mapping in the Dunbar to Stirling area to improve understanding of coastal flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will work collaboratively to ensure consistent modelling approaches are applied.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/17	Granton	100950017	Maintain flood protection scheme	Edinburgh (coastal)	Continue to maintain the existing rock armour, concrete and masonry walls and revetments along the coast in Crumond, Silverknowes and Granton.	N/A		N/A	The City of Edinburgh Council						10095	Accept coastal flooding in Crumond, Silverknowes and Granton is managed appropriately. Maintain existing actions that protect residential and non-residential properties from coastal flooding.	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/17	Granton	100520018	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				The City of Edinburgh Council, Midlothian Council, East Lothian Council						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/17	Granton	100520019	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/17	Granton	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/17	Granton	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Granton and Leith flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/18	Water of Leith catchment	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/18	Water of Leith catchment	100620006	Flood protection scheme/works	Edinburgh (between Balgreen and Longstone and Veitch's Square and Murrayfield)	Flood protection works have been proposed for Edinburgh to further reduce flooding from Water of Leith. The proposed works will likely include Coltbridge, Gorgie and Saughton, subject to the availability of funding.	22 of 42		1 of 1	The City of Edinburgh Council						10062	Reduce risk to community facilities and economic damages to residential and non-residential properties in Edinburgh (Coltbridge, Gorgie and Saughton) from the Water of Leith	No	7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	No sites likely to be affected		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRM (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10/10/18	Water of Leith catchment	10061006	Flood protection scheme/works	Edinburgh (Murrayfield and Roseburn)	The Water of Leith (Phase 2) Flood Protection Scheme is currently under construction, scheduled to be completed by 2017. The scheme will protect Murrayfield and Roseburn from flooding from the Water of Leith.	N/A		N/A	The City of Edinburgh Council						10061	Reduce risk to community facilities and economic damages to residential and non-residential properties in Edinburgh at Murrayfield and Roseburn caused by flooding from the Water of Leith	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	Not considered as it already has funding.		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/18	Water of Leith catchment	10099007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Local authorities, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/18	Water of Leith catchment	10099009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/18	Water of Leith catchment	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	-						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/18	Water of Leith catchment	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with community resilience groups and participate in property level protection events delivered by the Scottish Flood Forum where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/18	Water of Leith catchment	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. The City of Edinburgh Council operates Emergency Action Packs to determine where people should be deployed during flood events. The City of Edinburgh Council owns temporary pallet barriers and sandbags that can be used to protect properties from river flooding.	N/A		N/A	Category 1 and 2 Responders							10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.
	10/10/18	Water of Leith catchment	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District. The inclusion of additional surface water hazard data resulting from the completion of local authority surface water management plans and Scottish Water integrated catchment studies will be considered as these projects are completed.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/18	Water of Leith catchment	100600017	Maintain flood protection scheme	Edinburgh (between Bonnington and Veitch's Square)	Continue to maintain the existing Water of Leith Flood Protection Scheme at Bonnington, St Marks, Warriston, Stockbridge Colonies and Veitch's Square.	N/A		N/A	The City of Edinburgh Council						10060	Accept flood risk in Edinburgh (between Bonnington and Veitch's Square) is managed appropriately. Maintain the Water of Leith Flood Protection Scheme that reduces the risk of flooding.	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/18	Water of Leith catchment	100610017	Maintain flood protection scheme	Edinburgh (Murrayfield and Roseburn)	Maintain the Water of Leith Flood Protection Scheme and works in Murrayfield and Roseburn when completed in 2017.	N/A		N/A	The City of Edinburgh Council						10061	Reduce risk to community facilities and economic damages to residential and non-residential properties in Edinburgh at Murrayfield and Roseburn caused by flooding from the Water of Leith	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/18	Water of Leith catchment	100590017	Maintain flood protection scheme	Edinburgh	Continue to maintain the reservoirs in the upper catchment of the Water of Leith to reduce peak flows and lower river levels downstream. The reservoir forms part of Water of Leith Flood Protection Scheme.	N/A		N/A	The City of Edinburgh Council						10059	Accept flood risk in Edinburgh is managed appropriately. Maintain existing flood protection scheme (reservoir) that reduces economic damages to residential and non-residential properties in Edinburgh caused by flooding from the Water of Leith.	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/18	Water of Leith catchment	100520018	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				The City of Edinburgh Council, Midlothian Council, East Lothian Council						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/18	Water of Leith catchment	100520019	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/18	Water of Leith catchment	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)	
	10 10/18	Water of Leith catchment	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Dean Village, Warriston and Bonnington, Stockbridge, Longstone/Stenhouse and Roseburn flood warning areas which are part of the Water of Leith river flood warning scheme.					SEPA					10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/19	Braid Burn catchment	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/19	Braid Burn catchment	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				The City of Edinburgh Council, asset / land managers						10099	Reduce overall flood risk	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/19	Braid Burn catchment	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/19	Braid Burn catchment	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage. The City of Edinburgh Council has issued properties on Balcarres Street with door and vent flood guards.	N/A		N/A	—						10099	Reduce overall flood risk	No	1	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10 10/19	Braid Burn catchment	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10 10/19	Braid Burn catchment	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. The City of Edinburgh Council operates Emergency Action Packs to determine where people should be deployed during flood events. The City of Edinburgh Council also owns temporary pallet barriers and sandbags that can be used to protect properties from river flooding.	N/A		N/A	Category 1 and 2 Responders							10099	Reduce overall flood risk	No	4	4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.
	10 10/19	Braid Burn catchment	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to develop flood mapping in the Dunbar to Stirling area to improve understanding of coastal flood risk. The extent and timing of improvements will depend on detailed scoping and data availability.				SEPA						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/19	Braid Burn catchment	100670017	Maintain flood protection scheme	Edinburgh	Continue to maintain the existing Braid Burn Flood Protection Scheme in Edinburgh. The scheme reduces the risk of flooding to homes and businesses along the Braid Burn between Redford Road and Portobello.	N/A		N/A	The City of Edinburgh Council						10067	Accept that flood risk in Edinburgh is managed appropriately. Maintain existing flood protection scheme that reduces risk to residential and non-residential properties and community facilities in Edinburgh caused by flooding from the Braid Burn.	No	4	4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/19	Braid Burn catchment	100680017	Maintain flood protection scheme	Leith and Portobello	Continue to maintain the existing flood defences along the coast.	N/A		N/A	The City of Edinburgh Council						10068	Accept coastal flooding in Leith and Portobello is managed appropriately. Maintain existing actions that protect residential and non-residential properties from coastal flooding.	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/19	Braid Burn catchment	100520018	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				The City of Edinburgh Council, Midlothian Council, East Lothian Council						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/19	Braid Burn catchment	100520019	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2	2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/19	Braid Burn catchment	100990010	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/19	Braid Burn catchment	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Colinton Mains, Mid Liberton and Cameron Toll, Inch Park and Peffermill and the Portobello flood warning areas which are part of the Braid Burn river flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100710005	Flood protection study	Edinburgh (Niddrie Burn)	A flood protection study has been recommended for Niddrie Burn in Edinburgh to assess whether flood storage, modification of conveyance, installation / modification of fluvial control structures, flood defences and sediment management could reduce flood risk. The study should also consider the viability of property level protection. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream. This study should also aim to improve gauging on the Niddrie / Burdiehouse Burn catchment in partnership between SEPA and the City of Edinburgh Council.	57 of 168		1 of 3	The City of Edinburgh Council						10071, 10072	Reduce economic damages to residential and non-residential properties and risk to people in Edinburgh / Burdiehouse caused by flooding from the Niddrie Burn	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Actions ~2km upstream from where the burn meets the Firth of Forth SPA. No effects likely.		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Local authorities, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. The City of Edinburgh Council operates Emergency Action Packs to determine where people should be deployed during flood events. The City of Edinburgh Council owns temporary pallet barriers and sandbags that can be used to protect properties from river flooding.	N/A		N/A	Category 1 and 2 Responders							10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100710017	Maintain flood protection scheme	Edinburgh (Niddrie Burn)	Continue to maintain the flood control structure and flood storage area at Greendykes and flood defences at Nether Craighour once completed. The works are due to be completed in 2016/17.	N/A		N/A	The City of Edinburgh Council						10071, 10072	Reduce economic damages to residential and non-residential properties and risk to people in Edinburgh / Burdiehouse caused by flooding from the Niddrie Burn	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100520018	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				The City of Edinburgh Council, Midlothian Council, East Lothian Council						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100520019	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/21	Musselburgh	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/21	Musselburgh	100750003	Natural flood management study	Musselburgh	A natural flood management study has been recommended for Musselburgh to assess whether wave attenuation could help reduce flood risk. The study should link with the proposed flood protection scheme in Musselburgh. The proposed study is located in Potentially Vulnerable Area 10/22. The benefits and impacts have been assessed for the whole study.	N/A		N/A	East Lothian Council						10075, 10076	Reduce economic damages to residential and non-residential properties and risk to people in Musselburgh caused by flooding from the River Esk and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Within Firth of Forth SPA. Effects likely to be positive but cannot rule out negative effects.		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/21	Musselburgh	100750006	Flood protection scheme/works	Musselburgh	A flood protection scheme has been proposed for Musselburgh to reduce flood risk from the River Esk. The scheme would consist of flood defences and earth embankments and would provide a 1 in 200 year standard of protection. Part of this proposed scheme is located in Potentially Vulnerable Area 10/22. The benefits and impacts have been assessed for the whole scheme.	11 of 42		1 of 2	East Lothian Council						10075, 10076	Reduce economic damages to residential and non-residential properties and risk to people in Musselburgh caused by flooding from the River Esk and coastal flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	Not considered as it already has funding.		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/21	Musselburgh	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Local authorities, asset / land managers					10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.		
	10 10/21	Musselburgh	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change		
	10 10/21	Musselburgh	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	-					10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site		
	10 10/21	Musselburgh	100750012	Community flood action groups	Musselburgh	East Lothian Tenants and Residents Panel, Musselburgh and Inveresk Community Council and Musselburgh Waterfront Group operate in this area. The groups aim to involve the community in area-specific issues and could help increase community resilience to flooding.	N/A		N/A	Community					10075, 10076	Reduce economic damages to residential and non-residential properties and risk to people in Musselburgh caused by flooding from the River Esk and coastal flooding	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site		
	10 10/21	Musselburgh	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. SEPA will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with community resilience groups and participate in property level protection events delivered by the Scottish Flood Forum where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities					10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site		
	10 10/21	Musselburgh	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. The City of Edinburgh Council operates Emergency Action Packs to determine where people should be deployed during flood events. The City of Edinburgh Council owns temporary pallet barriers and sandbags that can be used to protect properties from river flooding. East Lothian Council strategically deploys temporary flood barriers and sandbags when properties are threatened by flooding.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/21	Musselburgh	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to develop flood mapping in the Lower Esk area and Pinkie Burn areas to improve understanding of flood risk. SEPA will seek to develop flood mapping in the Dunbar to Stirling area to improve understanding of coastal flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will work collaboratively to ensure consistent modelling approaches are applied.				SEPA					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change		
	10 10/21	Musselburgh	100520018	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				The City of Edinburgh Council, Midlothian Council, East Lothian Council					10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.		
	10 10/21	Musselburgh	100520019	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities					10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.		
	10 10/21	Musselburgh	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change		
	10 10/21	Musselburgh	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Musselburgh flood warning area which is part of the Esk (East Lothian) river flood warning scheme. Continue to maintain the Musselburgh Coastal flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change		
	10 10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority					10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.		
	10 10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100750003	Natural flood management study	Musselburgh	A natural flood management study has been recommended for Musselburgh to assess whether wave attenuation could help reduce flood risk. The study should link with the proposed flood protection scheme in Musselburgh. Part of this proposed study is located in Potentially Vulnerable Area 10/21. The benefits and impacts have been assessed for the whole study.	N/A		N/A	East Lothian Council					10075, 10076	Reduce economic damages to residential and non-residential properties and risk to people in Musselburgh caused by flooding from the River Esk and coastal flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	Not considered as it already has funding.		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.		
	10 10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100770005	Flood protection study	Dalkeith and Lasswade	A flood protection study has been recommended for Dalkeith and Lasswade to assess whether flood defences and sediment management could reduce flood risk. The study should also consider the viability of property level protection. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream.	142 of 168		1 of 1	Midlothian Council					10077	Reduce economic damages to residential and non-residential properties in the Lasswade, Penicuik, Dalkeith and Musselburgh Potentially Vulnerable Area caused by river flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Within 1km of Firth of Forth SPA - but these river actions unlikely to affect the SPA		5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site		

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy IPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100750006	Flood protection scheme/works	Musselburgh	A flood protection scheme has been proposed for Musselburgh to reduce flood risk from the River Esk. The scheme would consist of flood defences and earth embankments and would provide a 1 in 200 year standard of protection. Part of this proposed scheme is located in Potentially Vulnerable Area 10/21. The benefits and impacts have been assessed for the whole scheme.	11 of 42		1 of 2	East Lothian Council						10075, 10076	Reduce economic damages to residential and non-residential properties and risk to people in Musselburgh caused by flooding from the River Esk and coastal flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	Not considered as it already has funding.		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Local authorities, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100770012	Community flood action groups	Dalkeith and Lasswade	East Lothian Tenants and Residents Panel operate in this area. The group aims to involve the community in area-specific issues and could help increase community resilience to flooding.	N/A		N/A	Community						10077	Reduce economic damages to residential and non-residential properties in the Lasswade, Penicuik, Dalkeith and Musselburgh Potentially Vulnerable Area caused by river flooding	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. East Lothian Council strategically deploys temporary flood barriers and sandbags when properties are threatened by flooding.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to develop flood mapping in the Lower Esk area to improve understanding of flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will work collaboratively to ensure consistent modelling approaches are applied.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100770017	Maintain flood protection scheme	Dalkeith and Lasswade	Continue to maintain the existing flood protection schemes and defences. These include defences along the Bilston Burn, the Rullion Road Penicuik Flood Protection Scheme and the Polton Road Bridge Relief Culvert Flood Protection Scheme.	N/A		N/A	Midlothian Council						10077	Reduce economic damages to residential and non-residential properties in the Lasswade, Penicuik, Dalkeith and Musselburgh Potentially Vulnerable Area caused by river flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100520018	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.				The City of Edinburgh Council, Midlothian Council, East Lothian Council						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100520019	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.				Scottish Water in partnership with local authorities						10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Musselburgh flood warning area which is part of the Esk (East Lothian) river flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	10080005	Flood protection study	Cockenzie, Port Seton and Prestonpans	A flood protection study has been recommended for Cockenzie, Port Seton and Prestonpans to assess whether modification of conveyance, installation/ modification of fluvial control structures, flood defences, sediment management and natural flood management could reduce flood risk. The study should also consider the viability of property level protection. Natural flood management options that should be considered include wave attenuation. The study should take a sustainable approach and consider the interaction between actions upstream and downstream and potential effects on coastal processes along the shoreline.	61 of 168		1 of 3	East Lothian Council						10080	Reduce economic damages to residential and non-residential properties in the Cockenzie, Port Seton, Longniddry and Prestonpans Potentially Vulnerable Area caused by river and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Within 1km of Firth of Forth SPA		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100810005	Flood protection study	Tranent	A flood protection study has been recommended for Tranent to assess whether modification of conveyance, installation/ modification of fluvial control structures, direct flood defences and sediment management could reduce flood risk. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream.	79 of 168		2 of 3	East Lothian Council						10081	Reduce risk to people in Tranent from river flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No sites likely to be affected		5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				East Lothian Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100800012	Community flood action groups	Cockenzie, Port Seton and Prestonpans	East Lothian Tenants and Residents Panel and Port Seton and Cockenzie Coastal Regeneration Group operate in this area. The groups could help increase community resilience to flooding.	N/A		N/A	Community						10080	Reduce economic damages to residential and non-residential properties in the Cockenzie, Port Seton, Longniddry and Prestonpans Potentially Vulnerable Area caused by river and coastal flooding	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. East Lothian Council strategically deploys temporary flood barriers and sandbags when properties are threatened by flooding.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District. The inclusion of additional surface water hazard data resulting from the completion of local authority surface water management plans and Scottish Water integrated catchment studies will be considered when these projects are completed.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100800017	Maintain flood protection scheme	Cockenzie, Port Seton and Prestonpans	Continue to maintain the existing flood defences along the coast.	N/A		N/A	East Lothian Council						10080	Reduce economic damages to residential and non-residential properties in the Cockenzie, Port Seton, Longniddry and Prestonpans Potentially Vulnerable Area caused by river and coastal flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Prestonpans and Port Seton flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/24	Haddington	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/24	Haddington	100820006	Flood protection scheme/works	Haddington	A flood protection scheme has been proposed for Haddington to reduce flood risk from the River Tyne. The scheme would consist of flood defences, possibly in combination with natural flood management.	37 of 42		2 of 2	East Lothian Council						10082	Reduce economic damages to residential and non-residential properties in Haddington caused by flooding from the River Tyne	No	7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	Small areas of NFM potential identified ~1.5km North of Fala Flow SPA. Effects on conservation objectives unlikely. No other sites likely to be affected.		5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10/10/24	Haddington	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				East Lothian Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/24	Haddington	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/24	Haddington	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10	10/24	Haddington	100820012	Community flood action groups	Haddington	East Lothian Tenants and Residents Panel and Friends of the River Tyne operate in this area. The groups could help increase community resilience to flooding.	N/A		N/A	Community						10082	Reduce economic damages to residential and non-residential properties in Haddington caused by flooding from the River Tyne	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
10	10/24	Haddington	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community and promote Floodline. This will be achieved through SEPA-led education events. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
10	10/24	Haddington	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. East Lothian Council strategically deploys temporary flood barriers and sandbags when properties are threatened by flooding.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10	10/24	Haddington	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/24	Haddington	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the three flood warning areas in Haddington which are part of the Tyne river flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/25	Dunbar and West Bams	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/25	Dunbar and West Bams	100830005	Flood protection study	Dunbar and West Bams	A flood protection study has been recommended for Dunbar/ West Bams to assess whether modification of conveyance, flood defences, sediment management and natural flood management could reduce flood risk. The study should also consider the viability of property level protection. Natural flood management options that should be considered include wave attenuation. The study should take a sustainable approach and consider the interaction between actions upstream and downstream and potential effects on coastal processes along the shoreline. The study should also assess the risk and mitigation of wave overtopping at North Berwick.	110 of 168		3 of 3	East Lothian Council						10083	Reduce economic damages to residential and non-residential properties in the Dunbar and West Bams Potentially Vulnerable Area caused by river and coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	Actions within the Firth of Forth SPA		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10	10/25	Dunbar and West Bams	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				East Lothian Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/25	Dunbar and West Bams	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/25	Dunbar and West Bams	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/25	Dunbar and West Bams	100830012	Community flood action groups	Dunbar and West Bams	Dunbar Shore and Harbour Neighbourhood Group, East Lothian Tenants and Residents Panel and North Berwick Environment Group operate in this area. The groups could help increase community resilience to flooding.	N/A		N/A	Community						10083	Reduce economic damages to residential and non-residential properties in the Dunbar and West Bams Potentially Vulnerable Area caused by river and coastal flooding	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/25	Dunbar and West Bams	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/25	Dunbar and West Bams	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. East Lothian Council strategically deploys temporary flood barriers and sandbags when properties are threatened by flooding.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
10	10/25	Dunbar and West Bams	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to develop flood mapping in the Dunbar to Stirling area to improve understanding of coastal flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will work collaboratively to ensure consistent modelling approaches are applied.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/25	Dunbar and West Bams	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/25	Dunbar and West Bams	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Dunbar including West Bams flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/26	Berwickshire Coast	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/26	Berwickshire Coast	100840005	Flood protection study	Eyemouth	A flood protection study has been recommended for Eyemouth to assess whether flood defences, sediment management and natural flood management could reduce flood risk. The study should also consider the viability of property level protection. Natural flood management options that should be considered include wave attenuation. The study should be carried out in conjunction with the Shoreline Management Plan (2016-2018). The study should take a sustainable approach and consider the interaction between actions and potential effects on coastal processes along the shoreline.	66 of 168		4 of 6	Scottish Borders Council						10084	Reduce economic damages to residential and non-residential properties in Eyemouth caused by coastal flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection. Also with same coastal sub cell as part of St Abbs Head to Fast Gaste SPA - actions unlikely to affect the SPA (screen out)	Actions within Berwickshire and North Northumberland Coast SAC (a number of marine features and also grey seals) - screen in.		6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	
10	10/26	Berwickshire Coast	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Scottish Borders Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted).	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted).	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRM (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10/10/26	Berwickshire Coast	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/26	Berwickshire Coast	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.	N/A		N/A	—						10099	Reduce overall flood risk	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10/10/26	Berwickshire Coast	100840012	Community flood action groups	Eyemouth	Eyemouth Resilient Community Group and the St Abbs Resilient Community Group operate in this area. The groups could help increase community resilience to flooding.	N/A		N/A	Community						10084	Reduce economic damages to residential and non-residential properties in Eyemouth caused by coastal flooding	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10/10/26	Berwickshire Coast	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10/10/26	Berwickshire Coast	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10/10/26	Berwickshire Coast	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will work with the local authority to review the existing study data and establish any further work required to enable an update of the flood maps in the Eyemouth coastal area. SEPA will support the local authority if further work beyond a strategic scale is required.				SEPA						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10/10/26	Berwickshire Coast	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.				Scottish Water						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/26	Berwickshire Coast	100990030	Maintain flood warning	Applies across Forth Estuary Local Plan District	Continue to maintain the Grantshouse to Eyemouth flood warning area which is part of the Eye river flood warning scheme. Continue to maintain the Eyemouth Coastal flood warning area which is part of the Firth of Forth and Tay coastal flood warning scheme.				SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/27	South Gyle, Broxburn and Bathgate	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/27	South Gyle, Broxburn and Bathgate	100900005	Flood protection study	Edinburgh (Gogar Burn)	A flood protection study has been recommended for Gogar Burn in Edinburgh to assess whether direct flood defences and sediment management could reduce flood risk. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream. This study should also aim to improve the accuracy of the flood mapping in the Gyle / Gogar Burn area. The study has low national priority and is to be carried out in the second flood risk management cycle.	166 of 168		3 of 3	The City of Edinburgh Council						10090	Reduce risk to community facilities in the South Gyle, Broxburn and Bathgate Potentially Vulnerable Area caused by river flooding	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	River actions unlikely to have a significant effects on the conservation objectives of the Firth of Forth SPA		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10/10/27	South Gyle, Broxburn and Bathgate	100960006	Flood protection scheme/works	Broxburn Liggat Syke	A flood protection scheme has been proposed for Broxburn (Liggat Syke) to complete the Broxburn flood prevention scheme. The scheme would consist of two flood storage basins in the catchment of the Liggat Syke and provide a 1 in 100 year standard of protection.	36 of 42		1 of 1	West Lothian Council						10096	Reduce economic damages to residential and non-residential properties in Broxburn, West Main Street, caused by flooding from the Brox Burn	No	7.7. Could have a likely significant effect on a European site: action is NFM and/or flood protection works and funding is being sought. Actions will be taken forward by Local Authorities, Scottish Water and other responsible authorities under the FRM Act.	Potential storage actions to the North of Broxburn. No conceivable connectivity with any SACs or SPAs		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10/10/27	South Gyle, Broxburn and Bathgate	100850006	Flood protection scheme/works	Broxburn and eastern Uphall	A surface water management project looking at 'legacy' sustainable drainage systems has been proposed for Livingston and Broxburn. The project would look to move 'legacy' sustainable drainage systems into public ownership and would be taken forward jointly by West Lothian Council and Scottish Water.	N/A		N/A	West Lothian Council						10085	Reduce economic damages and number of residential properties at risk of surface water flooding in Broxburn and eastern Uphall where practical	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/27	South Gyle, Broxburn and Bathgate	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Local authorities, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10/10/27	South Gyle, Broxburn and Bathgate	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10/10/27	South Gyle, Broxburn and Bathgate	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10/10/27	South Gyle, Broxburn and Bathgate	100890012	Community flood action groups	Applies across Forth Estuary Local Plan District	East Burnside Village Community Flood Action Group operates in this area.	N/A		N/A	Community						10099	Reduce overall flood risk	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10/10/27	South Gyle, Broxburn and Bathgate	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1. General policy statement: not likely to have a significant effect on a European site	
	10/10/27	South Gyle, Broxburn and Bathgate	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. The City of Edinburgh Council operates Emergency Action Packs to determine where people should be deployed during flood events. The City of Edinburgh Council operates temporary pallet barriers and sandbags that can be used to protect properties from river flooding. West Lothian Council provides sandbags and Aquasacs for public use in emergencies.	N/A		N/A	Category 1 and 2 Responders							10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/27	South Gyle, Broxburn and Bathgate	100900015	Site protection plans	Edinburgh (Gogar Burn)	Site protection plans are developed to identify whether normal operation of a facility can be maintained during a flood. This may be due to existing protection or resilience of the facility or the network. Edinburgh Airport operates a site protection plan.	N/A		N/A		Edinburgh Airport					10090	Reduce risk to community facilities in the South Gyle, Broxburn and Bathgate Potentially Vulnerable Area caused by river flooding	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	100990016	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 2,600km <sup>2</sup> of improved surface water data is currently available within this Local Plan District. The inclusion of additional surface water hazard data resulting from the completion of local authority surface water management plans and Scottish Water integrated catchment studies will be considered when these projects are completed.					SEPA					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/27	South Gyle, Broxburn and Bathgate	100890017	Maintain flood protection scheme	Broxburn	Continue to maintain the existing Broxburn Flood Protection Scheme. The scheme consists of flood walls and embankments together with the replacement road bridges.	N/A		N/A		West Lothian Council					10089	Accept that significant flood risk in Broxburn is managed appropriately. Maintain existing actions that reduce economic damages to residential and non-residential properties in Broxburn caused by flooding from the Brox Burn.	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	101020018	Surface water plan/study	Livingston and Mid Calder	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.					West Lothian Council					10102	Reduce economic damages and number of residential properties at risk of surface water flooding in Livingston and Mid Calder where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	100850018	Surface water plan/study	Broxburn and eastern Uphall	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A		West Lothian Council					10085	Reduce economic damages and number of residential properties at risk of surface water flooding in Broxburn and eastern Uphall where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	100450018	Surface water plan/study	Bathgate	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A		West Lothian Council					10045	Reduce economic damages and number of residential properties at risk of surface water flooding in Bathgate where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	100520018	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.					The City of Edinburgh Council, Midlothian Council, East Lothian Council					10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	100520019	Surface water plan/study	Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.					Scottish Water in partnership with local authorities					10052	Reduce economic damages and number of residential properties at risk of surface water flooding in Edinburgh, Musselburgh, Penicuik, Lasswade, Loanhead, Newtongrange and Dalkeith where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	100450019	Surface water plan/study	Bathgate	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A		Scottish Water in partnership with local authorities					10045	Reduce economic damages and number of residential properties at risk of surface water flooding in Bathgate where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	100990019	Strategic mapping and modelling	Applies across Forth Estuary Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.					Scottish Water					10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change Included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 2 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
	10 10/27	South Gyle, Broxburn and Bathgate	10303021	Flood protection scheme/works	Winchburgh	Network Rail will carry out civil engineering work which will reduce the risk of flooding on identified sections of the rail network within this Potentially Vulnerable Area.	N/A		N/A	Network Rail						10303	Reduce the physical or disruption risk related to the transport network for rail	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/27	South Gyle, Broxburn and Bathgate	100850026	Flood protection scheme/works	Broxburn and eastern Uphall	Surface water management works have been proposed for West Lothian as recommended in the West Lothian surface water management plan. The works include a range of local surface water management activities in specific locations in Livingston and Broxburn.	N/A		N/A	West Lothian Council						10085	Reduce economic damages and number of residential properties at risk of surface water flooding in Broxburn and eastern Uphall where practical	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/28c	Cowdenbeath	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/28c	Cowdenbeath	100980005	Flood protection study	Cowdenbeath	A flood protection study has been recommended for Cowdenbeath to assess whether flood storage, modification of conveyance and sediment management could reduce flood risk. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream.	104 of 168		14 of 16	Fife Council						10098	Reduce economic damages to residential and non-residential properties from river flooding in Cowdenbeath	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No likely effect on any sites		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10 10/28c	Cowdenbeath	100970005	Flood protection study	Cardenden	A flood protection study has been recommended for Cardenden to assess whether flood storage, flood defences, sediment management and natural flood management could reduce flood risk. The study should also consider the viability of property level protection. Natural flood management options that should be considered include river/floodplain restoration and sediment management. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream.	70 of 168		8 of 16	Fife Council						10097	Reduce economic damages to residential and non-residential properties from river flooding in Cardenden (Bowhill)	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No likely effect on any sites		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
	10 10/28c	Cowdenbeath	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				Fife Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/28c	Cowdenbeath	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/28c	Cowdenbeath	100990010	New flood warning	Applies across Forth Estuary Local Plan District	The area under consideration includes properties affected by flooding in Fife and Perth and Kinross and is likely to include Bowhill which is affected by flooding from the River Ore. Further feasibility assessment will be required to assess delivery potential and the final detail of communities for which warnings can be provided will be determined during the scoping process.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
	10 10/28c	Cowdenbeath	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/28c	Cowdenbeath	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
	10 10/28c	Cowdenbeath	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Fife Council operates an Emergency Flood Plan. Fife Council also provides flood sacks for use in emergencies and has installed flood pods containing flood protection products for use in emergencies in flood risk areas.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	
	10 10/28c	Cowdenbeath	100920018	Surface water plan/study	Cowdenbeath, Leuchatsbeath and Lumphinnans	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	N/A		N/A	Fife Council						10092	Reduce economic damages and number of residential properties at risk of surface water flooding in Cowdenbeath, Leuchatsbeath and Lumphinnans where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/28c	Cowdenbeath	100920019	Surface water plan/study	Cowdenbeath, Leuchatsbeath and Lumphinnans	An integrated catchment study will be carried out to support the surface water management plan process and improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network, watercourses and the sea.	N/A		N/A	Scottish Water in partnership with local authorities						10092	Reduce economic damages and number of residential properties at risk of surface water flooding in Cowdenbeath, Leuchatsbeath and Lumphinnans where practical	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
	10 10/29c	Whitburn	100010001	Planning policies	Applies across Forth Estuary Local Plan District	Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided. For further information on the application of national planning policies see Annex 2.				Planning authority						10001	Avoid an overall increase in flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in financial year	Status if already started	Objective ID	Objective Description	Is this a New Action or Change included in LFRMP (NOT included in SEPA FRM Strategy LPD10), except for the addition of coordination arrangements, funding arrangements, updated status and timescales which do not affect assessment of LSE?	Step 1 HRA screening criteria	Step 1 HRA screening description	Consultation1: AECOM screening notes	Consultation1: HRA screening criteria	Consultation1: HRA Criteria (description)
10	10/29c	Whitburn	100940005	Flood protection study	Whitburn	A flood protection study has been recommended for Whitburn to assess whether modification of conveyance, flood defences and sediment management could reduce flood risk. The study should also investigate the viability of property level protection. The study should take a catchment approach and consider the potential benefits and disbenefits and interaction between actions upstream and downstream.	68 of 168		1 of 4	West Lothian Council						10094	Reduce economic damages to residential and non-residential properties in Whitburn caused by flooding from the White Burn	No	6.6. Could have a likely significant effect on a European site: action is a study for NFM or flood protection.	No sites likely to be affected		5.5. No likely significant effects on any European site: makes provision for change but which could have no conceivable connectivity with a European site	
10	10/29c	Whitburn	100990007	Maintenance	Applies across Forth Estuary Local Plan District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake inspection and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.				West Lothian Council, asset / land managers						10099	Reduce overall flood risk	No	2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	No LSE (screened out in step 1)		2.2. Projects/works/actions referred to in the LFRM Plan but not proposed by the LFRM Plan (and would be likely to proceed irrespective of whether the LFRM Plan is adopted). These need to be assessed for in-combination effects. Includes, for example, flood protection works or natural flood management (NFM) works where funding has already been obtained.	
10	10/29c	Whitburn	100990009	Flood forecasting	Applies across Forth Estuary Local Plan District	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	N/A		N/A	SEPA						10099	Reduce overall flood risk	No	3.3. No likely significant effects on any European site: will not lead to development or other change	No LSE (screened out in step 1)		3.3. No likely significant effects on any European site: will not lead to development or other change	
10	10/29c	Whitburn	100990011	Self help	Applies across Forth Estuary Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage.	N/A		N/A	—						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/29c	Whitburn	100990013	Awareness raising	Applies across Forth Estuary Local Plan District	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan.				Responsible authorities						10099	Reduce overall flood risk	No	1.1. General policy statement: not likely to have a significant effect on a European site	No LSE (screened out in step 1)		1.1. General policy statement: not likely to have a significant effect on a European site	
10	10/29c	Whitburn	100990014	Emergency plans/response	Applies across Forth Estuary Local Plan District	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. West Lothian Council provides sandbags and Aquasacs for public use in emergencies.	N/A		N/A	Category 1 and 2 Responders						10099	Reduce overall flood risk	No	4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	No LSE (screened out in step 1)		4.4. No likely significant effects on a European site: It is not possible to identify where or when or how the policy might be implemented or where effects may occur or which sites, if any, may be affected.	

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/01	Crail	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/01	Crail	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/01	Crail	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/01	Crail	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/01	Crail	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/01	Crail	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/01	Crail	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/01	Crail	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/02	Pittenweem	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/02	Pittenweem	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/02	Pittenweem	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/02	Pittenweem	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/02	Pittenweem	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/02	Pittenweem	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/02	Pittenweem	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/02	Pittenweem	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/03	Leven	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/03	Leven	100060005	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10/10/03	Leven	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/03	Leven	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/03	Leven	100990010	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/03	Leven	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/03	Leven	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/03	Leven	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/03	Leven	100040018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/03	Leven	100040019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/03	Leven	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/03	Leven	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100120005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100110006	LSE: Appropriate assessment	Loch Leven SPA	To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the Loch Leven SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Loch Leven SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100080006	LSE: Appropriate assessment	Loch Leven SPA	To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the Loch Leven SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Loch Leven SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990010	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100100012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100100017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	101030018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100080018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100040018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10 10/04	Kinross, Milnathort, Glenrothes and Kinglassie	101030019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10 10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100040019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10 10/04	Kinross, Milnathort, Glenrothes and Kinglassie	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100150005	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA.	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100150017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100130018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10 10/05	Kirkcaldy, East Wemyss and Methil	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/05	Kirkcaldy, East Wemyss and Methil	10300021	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/05	Kirkcaldy, East Wemyss and Methil	100150025	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/05	Kirkcaldy, East Wemyss and Methil	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100190005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100190017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100170018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100230018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100170019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100230019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/06	Inverkeithing, Rosyth, Dunfermline and Wellwood	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/07	Cairneyhill	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/07	Cairneyhill	100250003	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/07	Cairneyhill	100250005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/07	Cairneyhill	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/07	Cairneyhill	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/07	Cairneyhill	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/07	Cairneyhill	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/07	Cairneyhill	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/07	Cairneyhill	100250017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/07	Cairneyhill	100230018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A

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	10/10/07	Cairneyhill	100230019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/07	Cairneyhill	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/07	Cairneyhill	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100260005	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100270005	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No											LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100270017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	10301021	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	10302021	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/08	Hawkhill, Kincardine, Kennet Pans and Culross	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/09	Airth	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/09	Airth	100290005	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,125,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10/10/09	Airth	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/09	Airth	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/09	Airth	100990010	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/09	Airth	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/09	Airth	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/09	Airth	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/09	Airth	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/09	Airth	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/10	North Queensferry and Inverkeithing	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/10	North Queensferry and Inverkeithing	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/10	North Queensferry and Inverkeithing	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/10	North Queensferry and Inverkeithing	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation	
	10/10/10	North Queensferry and Inverkeithing	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/10	North Queensferry and Inverkeithing	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/10	North Queensferry and Inverkeithing	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/10	North Queensferry and Inverkeithing	100310017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/10	North Queensferry and Inverkeithing	100240018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/10	North Queensferry and Inverkeithing	100240019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/10	North Queensferry and Inverkeithing	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/10	North Queensferry and Inverkeithing	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100380005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100370005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100400005	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.	
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100400006	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No											LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	10099007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	10099009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	10099010	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	10099011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100350012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100400017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	101040018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100330018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	101010018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100330019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	101010019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	101040019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/11	Falkirk, Grangemouth, Lauriston, Denny, Redding, Dunipace, Cumbernauld, Carron and Stenhousemuir	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/12	Bo'ness	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/12	Bo'ness	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/12	Bo'ness	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/12	Bo'ness	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/12	Bo'ness	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/12	Bo'ness	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/12	Bo'ness	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/12	Bo'ness	100440017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/12	Bo'ness	100420018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation	
	10/10/12	Bo'ness	100420019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/12	Bo'ness	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/12	Bo'ness	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100490003	LSE: Appropriate assessment	(1) Slamannan NFM study: Slamannan Plateau SPA (2) Wider NFM study: Slamannan Plateau SPA and Blawhorn Moss SAC	(1) Slamannan NFM study: To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Slamannan Plateau SPA. (2) Wider NFM study: To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Slamannan Plateau SPA and Blawhorn Moss SAC.	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	(1) Slamannan NFM study: Slamannan Plateau SPA (2) Wider NFM study: Slamannan Plateau SPA and Blawhorn Moss SAC	(1) Slamannan NFM study: To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted. (2) Wider NFM study: To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100490005	LSE: Appropriate assessment	(1) Slamannan NFM and FP study: Slamannan Plateau SPA (2) Blackridge FP study: Blawhorn Moss SAC	(1) Slamannan NFM and FP study: To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Slamannan Plateau SPA. (2) Blackridge FP study: To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Blawhorn Moss SAC.	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No											LSE: Appropriate assessment	(1) Slamannan NFM and FP study: Slamannan Plateau SPA (2) Blackridge FP study: Blawhorn Moss SAC	(1) Slamannan NFM and FP study: To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted. (2) Blackridge FP study: To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100470005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100470017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100450018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	101040018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	101000018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	101040019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100450019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	101000019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/13	Linlithgow Bridge, Bathgate, Whiteside and Slamannan	100490025	LSE: Appropriate assessment	(1) Slamannan NFM and FP study: Slamannan Plateau SPA (2) Blackridge FP study: Blawhorn Moss SAC	(1) Slamannan NFM and FP study: To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Slamannan Plateau SPA (2) Blackridge FP study: To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Blawhorn Moss SAC.	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	(1) Slamannan NFM and FP study: Slamannan Plateau SPA (2) Blackridge FP study: Blawhorn Moss SAC	(1) Slamannan NFM and FP study: To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted. (2) Blackridge FP study: To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation	
	10/10/13	Lillichgow Bridge, Bathgate, Whiteside and Slamannan	100490027	LSE: Appropriate assessment	(1) Slamannan NFM and FP study: Slamannan Plateau SPA (2) Blackridge FP study: Blawhorn Moss SAC.	(1) Slamannan NFM and FP study: To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Slamannan Plateau SPA. (2) Blackridge FP study: To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Blawhorn Moss SAC.	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No											LSE: Appropriate assessment	(1) Slamannan NFM and FP study: Slamannan Plateau SPA (2) Blackridge FP study: Blawhorn Moss SAC.	(1) Slamannan NFM and FP study: To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted. (2) Blackridge FP study: To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10/10/14	Phillipstoun	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/14	Phillipstoun	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/14	Phillipstoun	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/14	Phillipstoun	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/14	Phillipstoun	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/14	Phillipstoun	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/14	Phillipstoun	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/14	Phillipstoun	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/15	South Queensferry	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/15	South Queensferry	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/15	South Queensferry	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/15	South Queensferry	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/15	South Queensferry	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/15	South Queensferry	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/15	South Queensferry	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/15	South Queensferry	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/16	Cramond Bridge	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/16	Cramond Bridge	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/16	Cramond Bridge	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/16	Cramond Bridge	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/16	Cramond Bridge	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/16	Cramond Bridge	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/16	Cramond Bridge	100520018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/16	Cramond Bridge	100520019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/16	Cramond Bridge	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/16	Cramond Bridge	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/17	Granton	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/17	Granton	100950005	LSE: Appropriate assessment	Firth of Forth SPA and Imperial Dock Loch Leith SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA and Imperial Dock Loch Leith SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Firth of Forth SPA and Imperial Dock Loch Leith SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/17	Granton	10099007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/17	Granton	10099009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/17	Granton	10099011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/17	Granton	10099013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/17	Granton	10099014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/17	Granton	10099016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/17	Granton	100950017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/17	Granton	100520018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/17	Granton	100520019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/17	Granton	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/17	Granton	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/18	Water of Leith catchment	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/18	Water of Leith catchment	100620006	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

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	10/10/18	Water of Leith catchment	100610006	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/18	Water of Leith catchment	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/18	Water of Leith catchment	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/18	Water of Leith catchment	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/18	Water of Leith catchment	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/18	Water of Leith catchment	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/18	Water of Leith catchment	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/18	Water of Leith catchment	100600017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/18	Water of Leith catchment	100610017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/18	Water of Leith catchment	100590017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/18	Water of Leith catchment	100520018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/18	Water of Leith catchment	100520019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/18	Water of Leith catchment	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

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	10/10/18	Water of Leith catchment	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/19	Braid Burn catchment	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/19	Braid Burn catchment	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/19	Braid Burn catchment	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/19	Braid Burn catchment	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/19	Braid Burn catchment	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/19	Braid Burn catchment	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/19	Braid Burn catchment	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/19	Braid Burn catchment	100670017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/19	Braid Burn catchment	100680017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/19	Braid Burn catchment	100520018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/19	Braid Burn catchment	100520019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/19	Braid Burn catchment	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/19	Braid Burn catchment	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

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	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100710005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100710017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100520018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100520019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/20	Niddrie Burn / Burdiehouse Burn catchment	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/21	Musselburgh	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/21	Musselburgh	100750003	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,125,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/21	Musselburgh	100750006	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/21	Musselburgh	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/21	Musselburgh	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/21	Musselburgh	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/21	Musselburgh	100750012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/21	Musselburgh	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/21	Musselburgh	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/21	Musselburgh	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/21	Musselburgh	100520018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/21	Musselburgh	100520019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/21	Musselburgh	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/21	Musselburgh	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100750003	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100770005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100750006	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100770012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100770017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100520018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100520019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/22	Lasswade, Penicuik, Dalkeith and Musselburgh	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	10080005	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No											LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100810005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100800012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100800017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/23	Cockenzie, Port Seton, Longniddry and Prestonpans	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/24	Haddington	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/24	Haddington	100820006	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/24	Haddington	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A	
	10/10/24	Haddington	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	
	10/10/24	Haddington	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A	

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
10/10/24	Haddington		100820012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/24	Haddington		100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/24	Haddington		100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/24	Haddington		100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/24	Haddington		100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/25	Dunbar and West Bams		100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
10/10/25	Dunbar and West Bams		100830005	LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Firth of Forth SPA	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Firth of Forth SPA	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
10/10/25	Dunbar and West Bams		100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
10/10/25	Dunbar and West Bams		100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/25	Dunbar and West Bams		100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/25	Dunbar and West Bams		100830012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/25	Dunbar and West Bams		100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/25	Dunbar and West Bams		100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/25	Dunbar and West Bams		100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/25	Dunbar and West Bams		100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/25	Dunbar and West Bams		100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
10/10/26	Berwickshire Coast		100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
10/10/26	Berwickshire Coast		100840005	LSE: Appropriate assessment	Berwickshire and North Northumberland Coast SAC	To be in accord with the LFRM Plan, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Berwickshire and North Northumberland Coast SAC	N	Appropriate Assessment Mitigation (Column AA) for activities that have been identified as having LSE (lines 32,33,104,129,159, 223). As drafted this states: "To be in accord with the LFRM Plan, the responsible authority (and where applicable, the licensing authority) should seek to ensure that the works will not have an adverse effect on the integrity of the XX SPA/SAC." I'd recommend rewording as: "The competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted." This is a much more robust requirement as required by the Habitat Regulations.	Niall Corbet	Accepted	Wording altered		No										LSE: Appropriate assessment	Berwickshire and North Northumberland Coast SAC	To be in accord with the LFRM Plan, the competent authority must demonstrate that any proposals coming forward will not have an adverse effect on the integrity of any Natura site (SPA or SAC) before any consents or permissions are granted.
10/10/26	Berwickshire Coast		100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/26	Berwickshire Coast	10099009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/26	Berwickshire Coast	10099011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/26	Berwickshire Coast	100840012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/26	Berwickshire Coast	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/26	Berwickshire Coast	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/26	Berwickshire Coast	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/26	Berwickshire Coast	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/26	Berwickshire Coast	100990030	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100900005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100960006	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100850006	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100890012	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/27	South Gyle, Broxburn and Bathgate	100900015	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100990016	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100890017	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	101020018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100850018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100450018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100520018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100520019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100450019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100990019	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10/10/27	South Gyle, Broxburn and Bathgate	10303021	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/27	South Gyle, Broxburn and Bathgate	100850026	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/28c	Cowdenbeath	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/28c	Cowdenbeath	100980005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/28c	Cowdenbeath	100970005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/28c	Cowdenbeath	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/28c	Cowdenbeath	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/28c	Cowdenbeath	100990010	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/28c	Cowdenbeath	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/28c	Cowdenbeath	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/28c	Cowdenbeath	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10/10/28c	Cowdenbeath	100920018	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/28c	Cowdenbeath	100920019	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10/10/29c	Whitburn	100010001	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A

LPD	PVA	PVA Description	Selected Action ID	Consultation1: Likely significant effect (LSE)?	Consultation1: Names of SACs / SPAs	Consultation1: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	AECOM response to SNH comments	Change from draft assessment?	New list of sites	Further consultation with SNH required?	Consultation2: HRA Screening Criteria	Consultation2: HRA Criteria (description)	Consultation2: Likely significant effect (LSE)?	Consultation2: Names of SACs and SPAs	Consultation2: Appropriate assessment: Mitigation	SNH agree with assessment? (Y/N)	If N, provide comments	Staff name	Changes to consultation v2	Final: Likely significant effect (LSE)?	Final: Names of SACs and SPAs	Final: Appropriate assessment: Mitigation
	10 10/29c	Whitburn	100940005	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/29c	Whitburn	100990007	No LSE (in relation to the LFRMP)		N/A	Y		Niall Corbet	N/A													No LSE (in relation to the LFRMP)		N/A
	10 10/29c	Whitburn	100990009	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/29c	Whitburn	100990011	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/29c	Whitburn	100990013	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A
	10 10/29c	Whitburn	100990014	No LSE		N/A	Y		Niall Corbet	N/A													No LSE		N/A